

UNIVERSITI TEKNOLOGI MARA

**MITIGATION INTERVENTION TO CURB FLOODING AT
KAMPUNG BUKIT SEBELAH, BALING, KEDAH.**

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**DIPLOMA IN TOWN and REGIONAL PLANNING
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AUTHOR'S DECLARATION

I declare that the work in this Planning Project Paper was carried out in accordance with the regulations of Universiti Teknologi MARA. It is original and is the results of my own work, unless otherwise indicated or acknowledged as referenced work. This project paper has not been submitted to any other academic institution or non-academic institution for any degree or qualification.

I, hereby, acknowledge that I have been supplied with the Academic Rules and Regulations for Undergraduate, Universiti Teknologi MARA, regulating the conduct of my study and research.


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ABSTRACT

Flooding in residential areas has produced a slew of issues for the residents. Floods will occur if the drainage system is unable to accept the water capacity when it rains, and the surrounding residential and agricultural regions will be swamped with rainfall. Floods can take several forms, including flash floods, river floods, and coastal floods. The aim of this study is to propose mitigation measures to curb floods in Kampung Bukit Sebelah, Baling. The causes and impacts of floods are also investigated in this final study report. Besides, people's lack of responsibility for cleanliness and civic consciousness, as evidenced by their willingness to toss trash into the drainage system, poor drainage system conditions, and erosion of river walls, which causes the river to become shallow, are among the causes of floods in the study region. As a result of the flood, the residents must deal with certain consequences or issues, such as property damage, pet, and animal fatalities, and so on. In addition, several proposals for improvement have been made based on the study of the difficulties discovered through the survey form, including the construction of levees along the riverside, the role that should be played by responsible parties such as local authorities and Department of Irrigation and Drainage (DID) such as imposing fines on residents who throw garbage in the wrong place as well as conducting awareness campaigns to residents, improving, and maintaining drainage and drainage systems to facilitate water drainage during rains.

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